



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:

James G. METZ *et al.*

Group Art Unit: 1638

Appln. No.: 08/657,749

Examiner: Russell KALLIS

Filed: May 30, 1996

Atty. Docket: 16518.025

Title: Nucleic Acid Sequences Encoding a  
Plant Cytoplasmic Protein Involved in  
Fatty Acyl-CoA Metabolism

**INFORMATION DISCLOSURE STATEMENT**

***Mail Stop RCE***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The attention of the Examiner is invited to the references listed on the attached Form PTO-1449. Copies of the listed references are either submitted herewith or were previously cited by or submitted to, the Office in a prior application. Pursuant to 37 C.F.R. § 1.97(d) and MPEP § 609, the prior application is identified by its U.S. Application Number in this Information Disclosure Statement on the attached Form PTO-1449, and the above-captioned application relies on the prior application for an earlier filing date under 35 U.S.C. § 120.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**CERTIFICATION AND/OR FEE**

Because this Information Disclosure Statement is being submitted with a request for continued examination, prior to the mailing of a first office action, it is believed that no certification or fee is required.

Respectfully submitted,

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Holly Logue Prutz (Reg. Attorney No. 47,755)  
David R. Marsh (Reg. Attorney No. 41,408)

Date: June 28, 2004

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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

16518.025

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APPLICANTS

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	REFERENCE PROVIDED*	
	AA1	5,475,099	12/1995	Knauf <i>et al.</i>	submitted herewith	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	REFERENCE PROVIDED*	TRANSLATION
	AB1	WO9310241	05/27/93	PCT	submitted herewith	x Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

REFERENCE  
PROVIDED\*

	AC	1	Bessoule <i>et al.</i> , "Partial Purification of the Acyl-CoA Elongase of <i>Allium porrum</i> Leaves", <i>Archives of Biochemistry and Biophysics</i> , 268(2):475-484 (1989)	submitted herewith
	AD	1	Fehling <i>et al.</i> , "Solubilization and Partial Purification of Constituents of acyl-CoA Elongase from <i>Lunaria annua</i> ", <i>Biochimica et Biophysica Acta</i> , 1126:88-94 (1992)	submitted herewith
	AE	1	Garver <i>et al.</i> , "A High-Performance Liquid Chromatography-Based Radiometric Assay for Acyl-CoA:Alcohol Transacylase from Jojoba", <i>Analytical Biochemistry</i> , 207(2):335-340 (1992)	submitted herewith
	AF	1	Harwood, J.L., "Fatty Acid Metabolism", <i>Annual Review of Plant Physiology and Plant Molecular Biology</i> , 39:101-138 (1988)	submitted herewith
	AG	1	Lessire <i>et al.</i> , "Involvement of a $\beta$ -ketoacyl-CoA Intermediate in acyl-CoA Elongation by an acyl-CoA Elongase Purified from Leek Epidermal Cells", <i>Biochimica et Biophysica Acta</i> , 1006:35-40 (1989)	submitted herewith
	AH	1	Ohlrogge <i>et al.</i> , "The Genetics of Plant Lipids", <i>International Journal of Biochemistry and Biophysics Lipids and Lipid Metabolism</i> , 1082:1-26 (1991)	submitted herewith
	AI	1	Pollard <i>et al.</i> , "Studies on Biosynthesis of Waxes by Developing Jojoba Seed II. The Demonstration of Wax Biosynthesis by Cell-Free Homogenates", <i>Lipids</i> , 14(7):651-662 (1979)	submitted herewith
	AJ	1	Pushnik <i>et al.</i> , "Characterization of the Biosynthetic Pathway for Formation of Liquid Wax in Jojoba", <i>The Southwest Consortium Fourth Annual Meeting</i> , (February 9, 1989)	Appl. No. 08/265,047
	AK	1	Stumpf <i>et al.</i> , "Pathways of Fatty Acid Biosynthesis in Higher Plants with Particular Reference to Developing Rapeseed", <i>High and Low Erucic Acid Rapeseed Oils</i> , Academic Press, Canada, pp. 131-141 (1983)	submitted herewith
	AL	1	van de Loo <i>et al.</i> , "Unusual Fatty Acids", <i>Lipid Metabolism in Plants</i> , CRC Press, pp. 91-126 (1993)	submitted herewith
	AM	1	von Wettstein-Knowles, P.M., "Waxes, Cutin and Suberin", <i>Lipid Metabolism in Plants</i> , CRC Press, pp. 127-166 (1993)	submitted herewith

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Please include a copy of this form with the next communication to Applicants.

\* Copies of the listed references are either submitted herewith or were previously cited by or submitted to, the Office in a prior application. Pursuant to 37 C.F.R. §1.97(d) and MPEP §609, the indicated reference may have been previously cited by or submitted to, the Office in a prior application, where the prior application is identified by its U.S. Application Number in this Information Disclosure Statement.



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AA2				

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	REFERENCE PROVIDED*	TRANSLATION
AB2					Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

REFERENCE  
PROVIDED\*

AC	2	Wildner <i>et al.</i> , "Wax Ester Biosynthesis in <i>Euglena gracilis</i> ", the Southwest Consortium Fifth Annual Meeting, (April 22-24, 1990)	Appl. No. 08/265,047
AD	2	Wu <i>et al.</i> , "Studies of Biosynthesis of Waxes by Developing Jojoba Seed: III. Biosynthesis of Wax Esters from Acyl-CoA and Long Chain Alcohols", <i>Lipids</i> 16(12):897-902 (1981)	submitted herewith
AE	2		
AF	2		
AG	2		
AH	2		
AI	2		
AJ	2		
AK	2		
AL	2		
AM	2		

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